



## **RADIATOR FLUID EXCHANGING APPARATUS**

### **BACKGROUND OF THE INVENTION**

This is a continuation-in-part application of co-pending U.S.S.N. 29/190,860, now U.S. Patent No. D497,624, entitled Radiator Fluid Exchanger Cabinet, filed on  
5 September 26, 2003, which is incorporated herein in its entirety.

#### **Field of the Invention**

The present invention relates to the field of vehicle maintenance, and more specifically, to servicing vehicle cooling fluid systems.

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#### **Description of Related Art**

The engine cooling system is but one vehicle system that requires routine maintenance to extend the longevity of the system and the vehicle. A typical engine cooling system includes a radiator connected to a water pump via an effluent line  
15 which is in turn connected to a heater core and an engine block. An influent line completes the fluid loop by connecting the radiator inlet port to the outlet port of the engine block. Depending on the direction the water is pumped, this loop may be reversed. The radiator also includes a radiator pressure cap coupled to an overflow bottle via an overflow conduit.

20 Typically, as coolant evaporates or breaks down over time, a relatively simple maintenance routine involves the periodic monitoring of the radiator fluid level by visually examining the fluid level in relation to a fill line on the overflow bottle